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JC860 U.S. PTO

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10/092154  
03/07/02

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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 065-00032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	<b>Attorney Docket</b>	PC009C1
	<b>First Inventor</b>	Rosen et al.
	<b>Title</b>	Nucleic Acids, Proteins, and Antibodies
	<b>Express Mail Label</b>	

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> Box Patent Application Commissioner for Patents Washington, DC 20231
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<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <b>641</b>] <small>(preferred arrangement set forth below)</small> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <input type="text"/></p> <p>5. Oath or Declaration [Total Pages <b>5</b>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (7 pages)</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input checked="" type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</p>
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<b>ACCOMPANYING APPLICATIONS PARTS</b>	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Associate Power of Attorney <small>(when there is an assignee)</small>	
11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input checked="" type="checkbox"/> Other:	1. Statement Under 37 C.F.R. § 1.821 2. Transmittal and Submission Under 37 C.F.R. §§ 1.824 and 1.52(e)

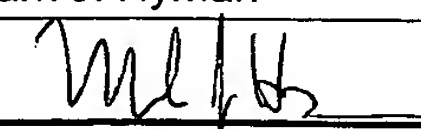
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/764,847

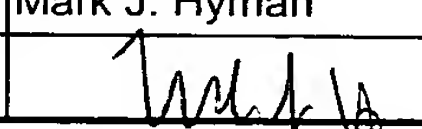
Prior application information: Examiner Clow, L. Group / Art Unit: 1631

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

<b>19. CORRESPONDENCE ADDRESS</b>					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<b>22195</b>		or <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		Zip Code	
Country		Telephone		Fax	

Name (Print/Type)	Mark J. Hyman	Registration No. (Attorney/Agent)	46,789
Signature		Date	March 7, 2002

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FEE TRANSMITTAL for FY 2002		Complete if Known																																											
Patent fees are subject to annual revision.		Application Number	Not Yet Assigned																																										
		Filing Date	Herewith																																										
		First Named Inventor	Rosen et al.																																										
		Examiner Name	Not Yet Assigned																																										
		Group Art Unit	Not Yet Assigned																																										
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TOTAL AMOUNT OF PAYMENT (\$)		896.00																																											
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES																																											
<input checked="" type="checkbox"/> Deposit Account																																													
Deposit Account Number: 08-3425																																													
Deposit Account Name: Human Genome Sciences, Inc.																																													
The Commissioner is hereby authorized to: (check all that apply)																																													
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments																																													
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																													
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FEE CALCULATION																																													
1. BASIC FILING FEE																																													
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td></td><td>101</td><td>740</td><td>Utility filing fee</td><td>740.00</td></tr><tr><td></td><td></td><td>106</td><td>330</td><td>Design filing fee</td><td></td></tr><tr><td></td><td></td><td>107</td><td>510</td><td>Plant filing fee</td><td></td></tr><tr><td></td><td></td><td>108</td><td>740</td><td>Reissue filing fee</td><td></td></tr><tr><td></td><td></td><td>114</td><td>160</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5" style="text-align: right; font-weight: bold;">SUBTOTAL (1)</td><td>740.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			101	740	Utility filing fee	740.00			106	330	Design filing fee				107	510	Plant filing fee				108	740	Reissue filing fee				114	160	Provisional filing fee		SUBTOTAL (1)					740.00		
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																													
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**or number previously paid, if greater; For Reissues, see above																																													
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SUBMITTED BY		Complete (if applicable)																																											
Name (Print/Type): Mark J. Hyman	Registration No. (Attorney/Agent): 46,789	Telephone: (240) 314-1224																																											
Signature: 		Date: March 7, 2002																																											

VIA HAND DELIVERY MARCH 7, 2002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Rosen et al.

Attorney Docket No.: PC009C1

Application Serial No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

Title: Nucleic Acids, Proteins, and Antibodies

**TRANSMITTAL AND SUBMISSION UNDER  
37 C.F.R. §§ 1.824 AND 1.52(e)**

Commissioner for Patents  
Washington, D.C. 20231

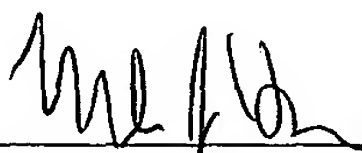
Sir:

In accordance with 37 C.F.R. §§ 1.821(e) and 1.824, Applicants submit herewith a Sequence Listing satisfying the computer readable format requirements on a compact disc (CD-R) labeled "CRF." Applicants submit concurrently herewith a Statement Under 37 C.F.R. § 1.821.

Additionally, in accordance with 37 C.F.R. §§ 1.52(e), 1.821, and 1.823, Applicants submit herewith a Sequence Listing as an electronic document on two identical compact discs (CD-R). Applicants certify under 37 C.F.R. § 1.52(e)(4) that these two compact discs, labeled "Copy 1" and "Copy 2," are identical. These compact discs, formatted for an IBM-PC machine and compatible with the MS-Windows operating system, each contain the file "PC009C1\_seqList.txt" (4,095,326 bytes in size, created March 6, 2002).

Respectfully submitted,

Dated: March 7, 2002

  
Mark J. Hyman  
Attorney for Applicants

Reg. No. 46,789

**Human Genome Sciences, Inc.**  
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Rockville, MD 20850  
Telephone: (240) 314-1224

Enclosures